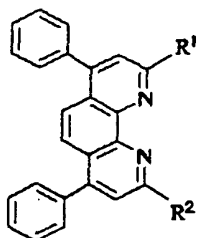


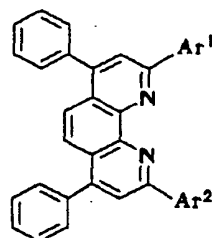
# ABSTRACT OF THE DISCLOSURE

A novel bathophenanthroline compound of the general formula [I] or [II] is provided

General Formula [I]:



General Formula [II]:



wherein R<sup>1</sup> and R<sup>2</sup> may be the same or different and independently represent a linear, branched or cyclic, saturated or unsaturated hydrocarbon group, or a substituted or unsubstituted, saturated or unsaturated hydrocarbon group provided that at least one of R<sup>1</sup> and R<sup>2</sup> has at least two carbon atoms, and wherein Ar<sup>1</sup> and Ar<sup>2</sup> may be the same or different and independently represent a substituted or unsubstituted aryl group. A process for preparing the compound is also provided wherein bathophenanthroline and an organolithium compound are subjected to nucleophilic substitution reaction to obtain the compound of the above formula [I] or [II].